



MCDOT NEWS

News from the Montgomery County Department of Transportation, Division of Highway Services

Timber Hill Residential Resurfacing Project

Roadway Repairs to Begin in June, Includes Road Milling and Paving

PURPOSE

This newsletter is to inform you of the upcoming neighborhood maintenance project in the Timber Hill neighborhood. Roadway pavement in the community will be full-depth patched and resurfaced with Hot Mix Asphalt (HMA). Crews will also conduct drainage ditch maintenance in order to ensure proper and positive storm water flow and abate erosion. The existing, distressed concrete curb and gutter will be repaired and/or replaced and a proactive roadside vegetation management plan will be put into effect in order to improve visibility and overall appearance.

BACKGROUND

The Montgomery County Department of Transportation's (MCDOT) Division of Highway Services (DHS) maintains nearly 5,200 lane miles of streets and highways in the county's transportation system. A bi-annual survey of these roads is conducted to assess the pavement condition of each road within the County. A Pavement Condition Index (PCI) is then calculated for each road segment. Using this PCI data, MCDOT determines which roads are resurfaced with available funding. MCDOT's last survey indicated that the Timber Hill neighborhood was in need of full depth patching followed by HMA overlay.

SCOPE OF PROJECT

Overall, pavement conditions in the Timber Hill neighborhood were rated as fair and trending downward. Rather than allow the streets to degrade further, the decision was made, under the Residential Roadway Preservation Program, to conduct full-depth base repair patching followed by HMA overlay. In addition to this resurfacing operation,

the drainage system, curb and gutter infrastructure, and overall vegetation conditions within the community will undergo routine maintenance.

SCHEDULE

This project is scheduled to begin in early June 2015, and will take six weeks to complete, weather and other operational requirements permitting. Work hours will be between 7 am and 5 pm, Monday through Friday.

PROJECT WORK PLAN

Generally, the work will proceed as follows:

1. Conduct Survey - MCDOT inspectors will identify areas of pavement that, prior to HMA overlay, require full depth asphalt patching. These areas are marked by white paint.



Typical paint markings.

2. Drainage Repairs - Local depot crews will clear any debris from the drainage ditches in order to ensure proper flow. This effort will also help to prevent erosion of the soil, which ultimately supports the road.

3. Concrete Repairs - Distressed areas of the existing concrete curb and gutter will be repaired and/or replaced. However, no new curbs are planned.

4. Vegetation Management - Local depot staff will remove/trim roadside vegetation. The areas within the County's Right-of-Way, near guardrails, regulatory signs and areas where sight distance may be impacted will all be cut back and cleared. The

vegetation has become unsightly and these steps will not only improve the safety of pedestrians and motorists alike, but also improve the appearance of the neighborhood.

5. Full Depth Patching - Full depth patching restores the pavement's structural integrity and capacity to support vehicle loads. The areas of distressed pavement marked by the MCDOT inspectors is removed and replaced by new pavement. The final paving of the road will cover these patched areas.

6. Pavement Milling - Edge milling/grinding off the existing pavement near curbs and drive-ways allows the new pavement to match the level of the existing curbs, etc., and restores the proper highway cross-section to improve ride-ability and drainage.

7. Utility Adjustments - Sewer and storm drain manholes, water valves and gas valves, and other underground utility access covers will be elevated to the same grade as the proposed pavement, usually 1" to 2". During construction activities, all utility surface adjustments will be maintained by the placement of temporary HMA ramps until placement of final paving occurs (up to three weeks depending on other operational requirements).

8. Paving with hot mix asphalt - Asphalt is delivered to the site in dump trucks. The hot material is transferred into the hopper of

an asphalt paving machine such as the one depicted in the photo. The paving machine places the hot asphalt in a uniform thickness and provides initial compaction. Following placement, steel wheeled rollers complete the compaction effort until field testing indicates that all relevant specifications have been met.

9. Raise the edge of the roadway - Following the placement of the new pavement, the road edge(s) will be backfilled with soil and stabilized with seed/mulch.

IMPACTS

Traffic will be maintained at all times utilizing lane closures and/or alternating one-way traffic patterns. However, minor traffic delays may be experienced as flaggers manually direct traffic safely through the construction zone. Street paving will necessitate temporary lane closures and temporary parking restrictions. Signs will be posted identifying such restrictions. Access to residences will be available at all times, however minor delays may be experienced as workers restrict traffic from freshly placed hot mix asphalt.

Generally speaking this work is best characterized as noisy and disruptive. However, MCDOT will take all necessary steps to mitigate any inconveniences this work may cause.

Quality control for the entire project will be managed by County inspection staff to ensure that the project meets contract specifications.

We apologize in advance for any unavoidable inconvenience and thank you for your cooperation and patience as we work to improve the County infrastructure for residents and users.



Typical asphalt paving operation.



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KEEPING MONTGOMERY MOVING

MCDOT NEWS No. 2015.36

NOTICE OF TIMBER HILL RESIDENTIAL PAVING PROJECT IN BURTONSVILLE

SAFETY NOTICE

Please drive gently and safely through the work site and kindly remember that while repair work is underway, personnel and construction vehicles will be moving around the site. Some materials may be stored in the area. Please use caution when walking or driving through the construction zone. Children may be attracted to the noise and machinery, so we ask that you please keep all children under close supervision at all times, even after the work is completed for the day. Also, please follow the direction of flaggers and temporary signs and traffic control devices. We appreciate your patience and cooperation while we make these much needed improvements to the infrastructure.

IMPORTANT MCDOT CONTACTS

Project Manager: Sean O'Connell 240-777-7692

Program Manager: Donald Noble 240-777-7601

Should your questions be of a more general nature, please contact the
MC311 Call Center by dialing 3-1-1

DHS Email: mcdot.highway@montgomerycountymd.gov

DHS Website: www.montgomerycountymd.gov/DOT-Highway/

*On the county map, click on the **Colesville** Service Area, where you will find additional roadway maintenance projects scheduled in your area.*



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